

## EAST Search History

| Ref # | Hits | Search Query                 | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|------------------------------|---|------------------|---------|------------------|
| L1    | 7676 | deconvolution                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2006/12/06 10:53 |
| L2    | 673  | deconvolve                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2006/12/06 10:53 |
| L3    | 9866 | deconvol\$5                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2006/12/06 10:53 |
| L4    | 265  | deconvol\$57 and "382".clas. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2006/12/06 10:53 |
| L5    | 179  | L4 and enhance\$5            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2006/12/06 10:53 |
| L6    | 85   | L5 and degrad\$5             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2006/12/06 10:53 |
| L7    | 9866 | deconvol\$5                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2006/12/06 10:53 |
| L8    | 52   | least\$1square and L7        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2006/12/06 10:53 |

## EAST Search History

|     |      |                                 |   |     |    |                  |
|-----|------|---------------------------------|---|-----|----|------------------|
| L9  | 265  | deconvol\$57 and "382".clas.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L10 | 179  | L9 and enhance\$5               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L11 | 52   | L8 not L10                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L12 | 9866 | deconvol\$5                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L13 | 6347 | L12 and enhance\$5              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L14 | 3220 | L13 and image                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L15 | 265  | deconvol\$57 and "382".clas.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L16 | 148  | L15 and (enhance\$5 same image) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |

## EAST Search History

|     |      |                                |   |     |    |                  |
|-----|------|--------------------------------|---|-----|----|------------------|
| L17 | 106  | L16 and filter                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L18 | 1871 | inverse filter                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L19 | 213  | L18 same image                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L20 | 28   | L18 same image same enhance\$5 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L21 | 90   | L18 same image and enhance\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L22 | 21   | L21 and deconvol\$5            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L23 | 194  | inverse filter and deconvol\$5 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L24 | 0    | ("2005/0259888").URPN.         | USPAT   | ADJ | ON | 2006/12/06 10:53 |
| L25 | 265  | deconvol\$57 and "382".clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |

## EAST Search History

|     |     |                                 |   |     |    |                  |
|-----|-----|---------------------------------|---|-----|----|------------------|
| L26 | 179 | L25 and enhance\$5              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L27 | 85  | L26 and degrad\$5               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L28 | 94  | L26 not L27                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L29 | 265 | deconvol\$57 and "382".clas.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L30 | 148 | L29 and (enhance\$5 same image) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L31 | 106 | L30 and filter                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L32 | 0   | L31 not L30                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L33 | 42  | L30 not L31                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |

## EAST Search History

|     |      |                   |   |     |    |                  |
|-----|------|-------------------|---|-----|----|------------------|
| L34 | 339  | 382/260.cor.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L35 | 176  | 382/261.cor.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L36 | 2793 | 382/254-275.cor.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L37 | 6893 | 382/254-275.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L38 | 35   | 382/279.cor.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L39 | 20   | 345/615.cor.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L40 | 150  | 708/402.cor.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L41 | 1120 | 382/254.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |

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|     |      |                              |   |     |    |                  |
|-----|------|------------------------------|---|-----|----|------------------|
| L42 | 9866 | deconvol\$5                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L43 | 25   | L41 and L42                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L44 | 1120 | L41 and L37                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L45 | 92   | L37 and L42                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L46 | 265  | deconvol\$57 and "382".clas. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L47 | 480  | 382/254.cor.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L48 | 265  | deconvol\$57 and "382".clas. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L49 | 9866 | deconvol\$5                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |

## EAST Search History

|      |      |   |   |     |    |                  |
|------|------|---|---|-----|----|------------------|
| L50  | 52   | least\$1square and L49  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L51  | 1806 | least\$1square  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L52  | 862  | least\$1square and image  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L53  | 58   | least\$1square and image near<br>enhance\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L54  | 8    | ("4918633"   "5453844"  <br>"5523568"   "5576548"  <br>"5627918"   "5879284").PN. OR<br>("6459818").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON | 2006/12/06 10:53 |
| L55  | 6    | L54 and least   | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON | 2006/12/06 10:53 |
| L56  | 0    | (image near average) and L54  | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON | 2006/12/06 10:53 |
| L57  | 2    | (image with average) and L54  | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON | 2006/12/06 10:53 |
| L58  | 3    | (image same average) and L54  | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON | 2006/12/06 10:53 |
| L59  | 535  | (image near3 average) same<br>enhance\$5  | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON | 2006/12/06 10:53 |
| L60  | 1065 | 382/254.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON | 2006/12/06 10:53 |
| L61. | 33   | L59 and L60   | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON | 2006/12/06 10:53 |

## EAST Search History

|     |    |                                 |   |     |    |                  |
|-----|----|---------------------------------|---|-----|----|------------------|
| L62 | 0  | unit\$1sample coefficients      | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON | 2006/12/06 10:53 |
| L63 | 0  | unit\$1sample coefficient       | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON | 2006/12/06 10:53 |
| L64 | 0  | unit\$1sample near3 coefficient | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L65 | 1  | unit\$1sample near5 coefficient | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L66 | 2  | unit\$1sample near5 filter      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |
| L67 | 28 | unit\$1sample                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/12/06 10:53 |